

Fig. 1 Prior art

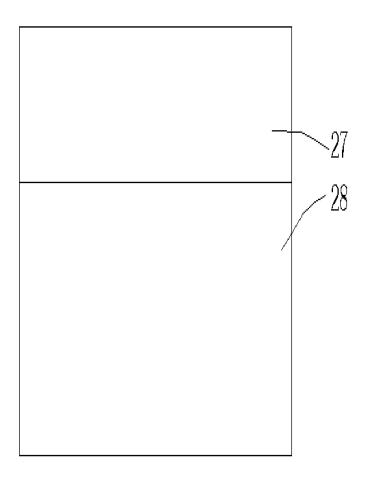


Fig. 2 Prior art

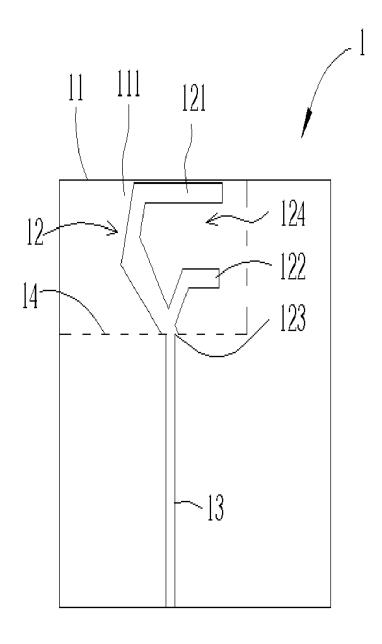
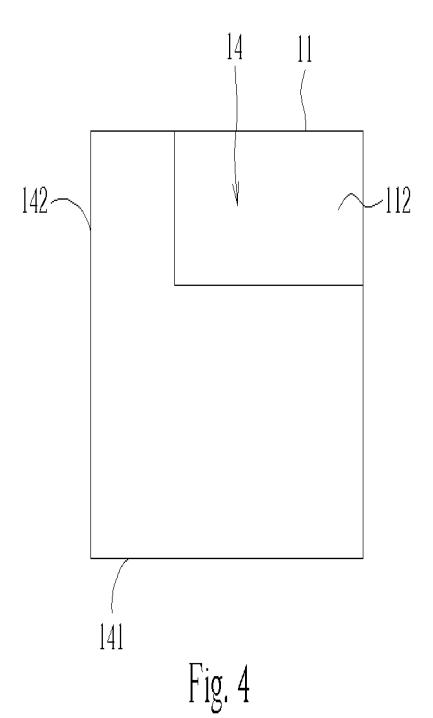


Fig. 3



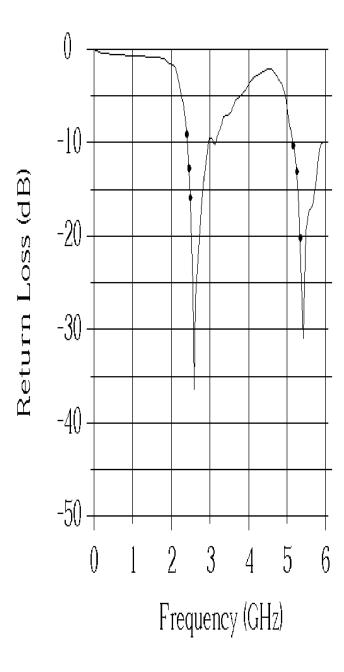


Fig. 5

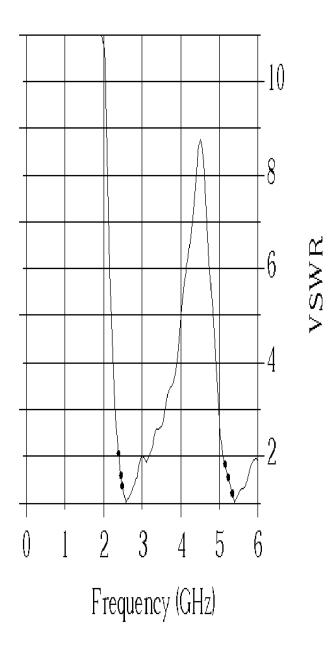
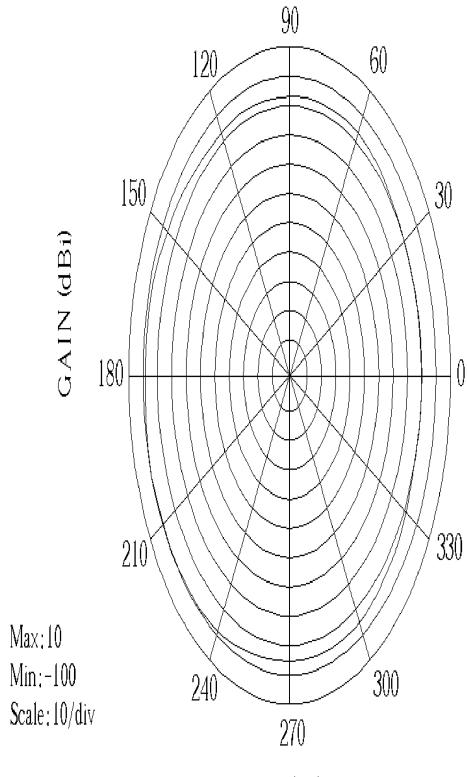


Fig. 6

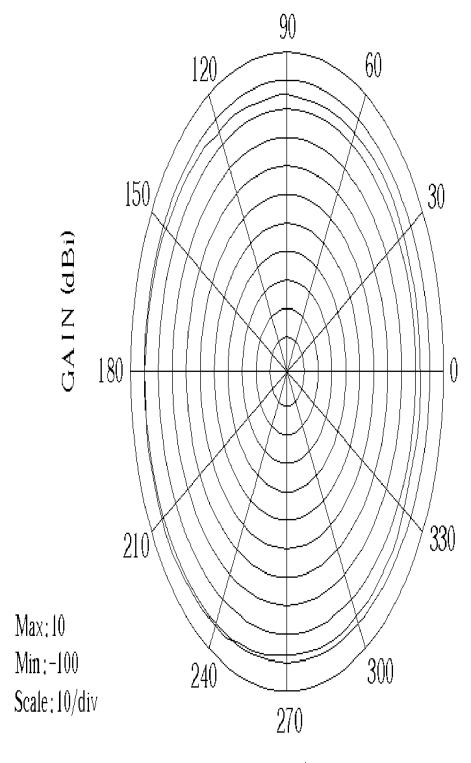
Frequency (MHz)	2400	2450	2500	5150	5250	5350	5750	5850
Gain(dbi) H-Plane	-0.01	1.34	0.67	1.3	1.65	1.96	3.36	3.44
Gain(dbi) E-Plan	3.29	4.53	4.01	3.31	3.4 3	4.40	4.27	3.88

Fig. 7



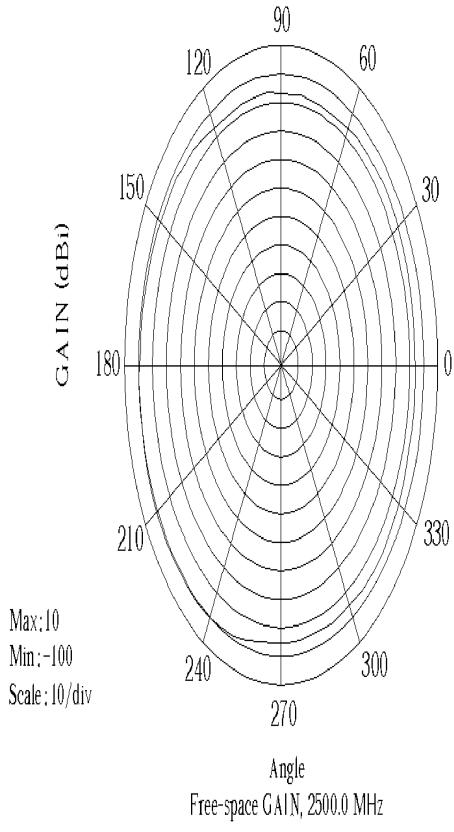
Angle Free-space GAIN, 2400.0 MHz H-Plane_2400 MHz

Fig. 8



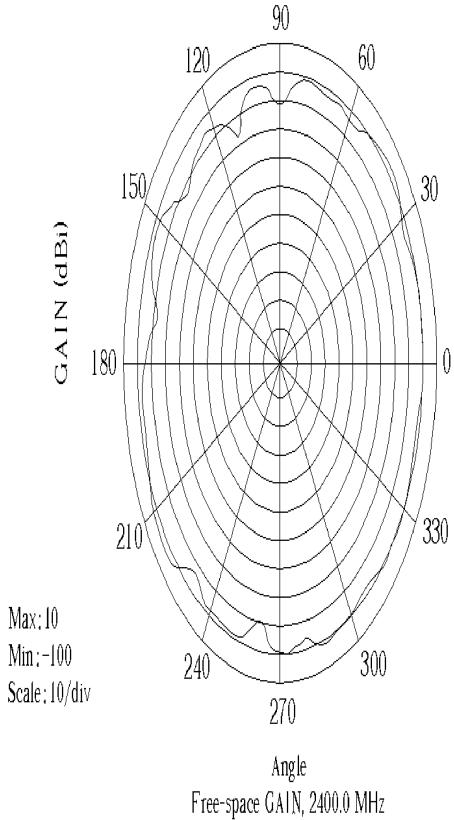
Angle Free-space GAIN, 2450.0 MHz H-Plane_2450 MHz

Fig. 9



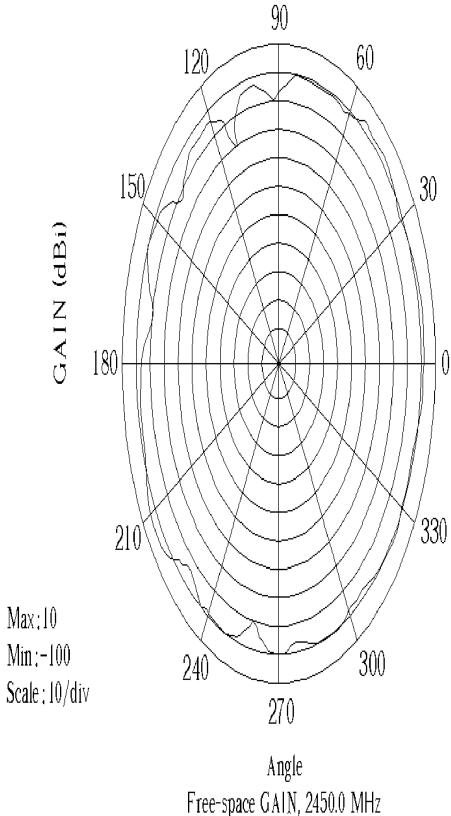
H-Plane_2500 MHz

Fig. 10



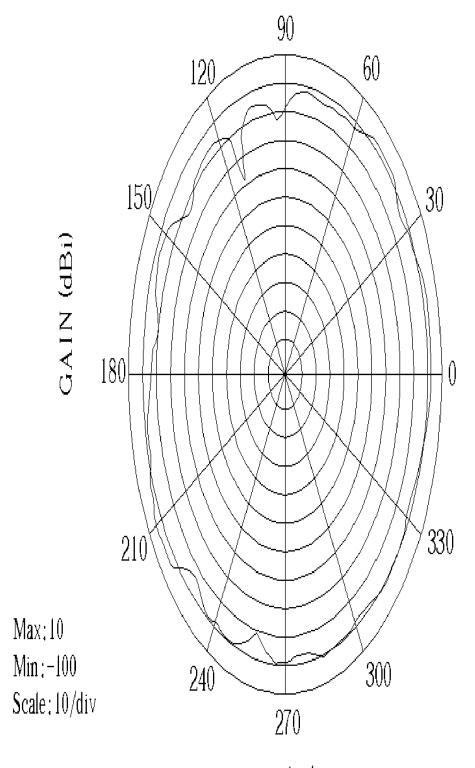
E-Plane_2400 MHz

Fig. 11



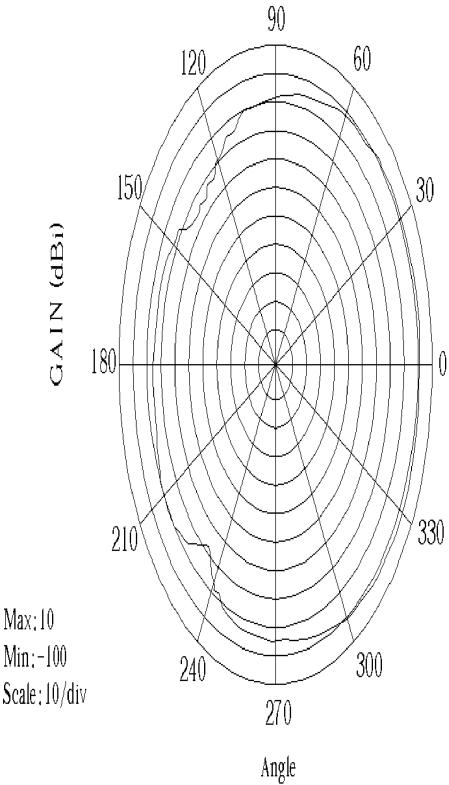
Free-space GAIN, 2450.0 MHz E-Plane_2450 MHz

Fig. 12



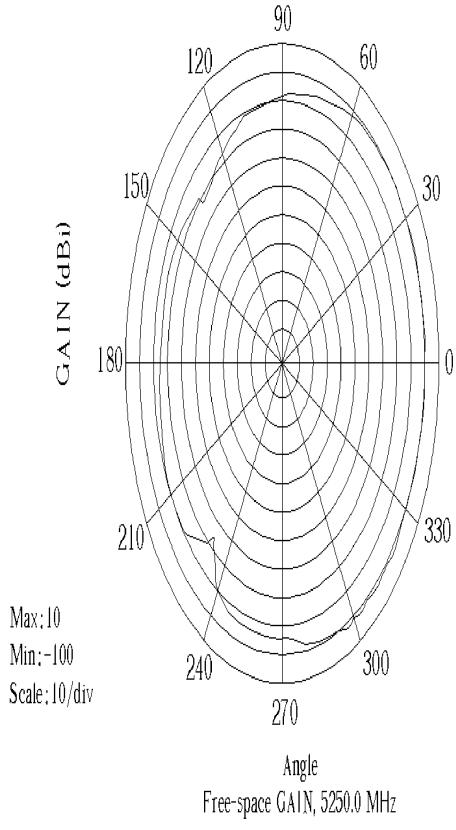
Angle Free-space GAIN, 2500.0 MHz E-Plane_2500 MHz

Fig. 13



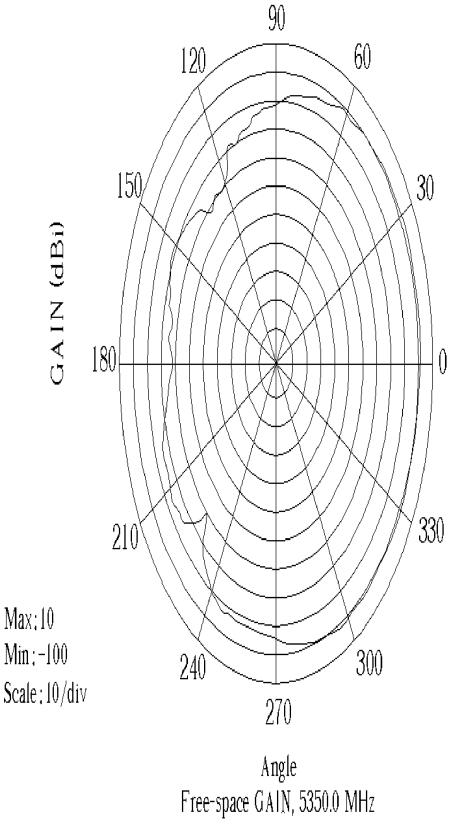
Angle Free-space GAIN, 5150.0 MHz H-Plane_5150 MHz

Fig. 14



H-Plane_5250 MHz

Fig. 15



H-Plane_5350 MHz

Fig. 16

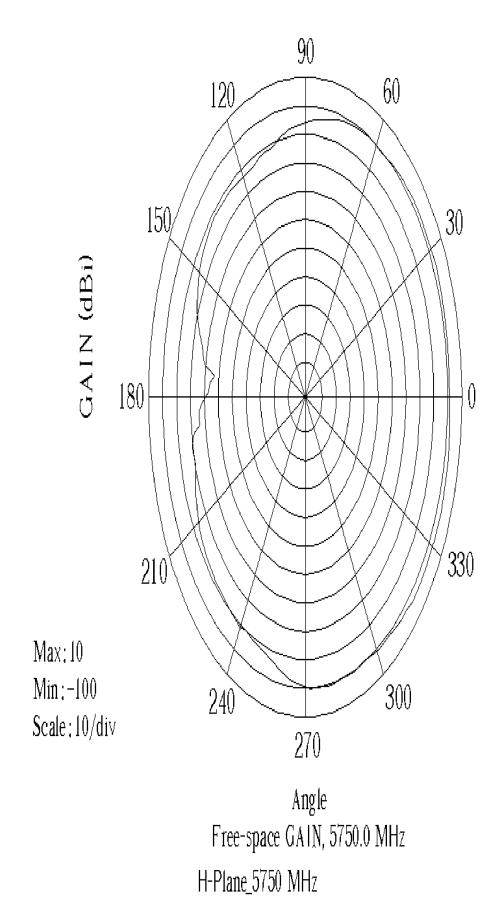


Fig. 17

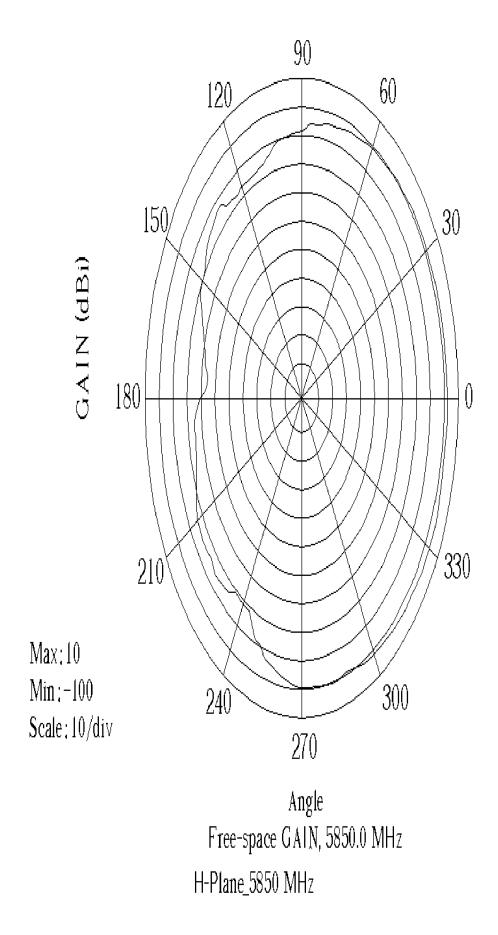


Fig. 18

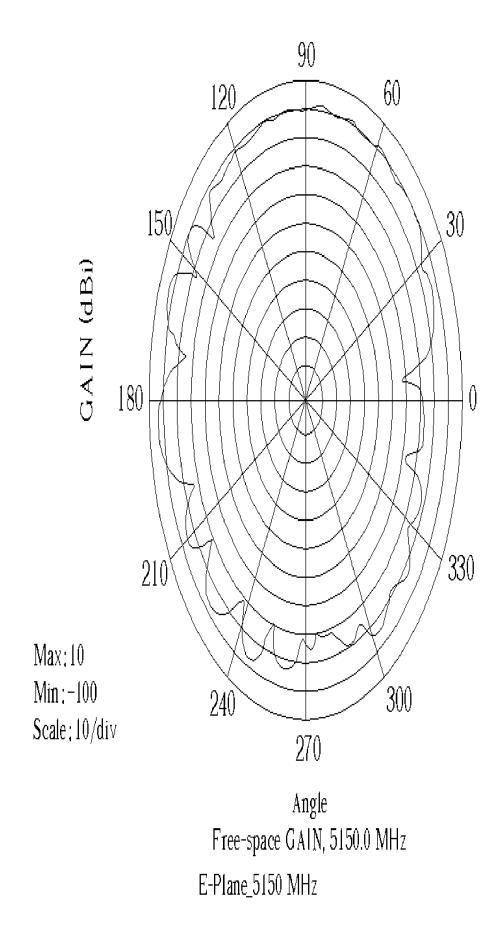


Fig. 19

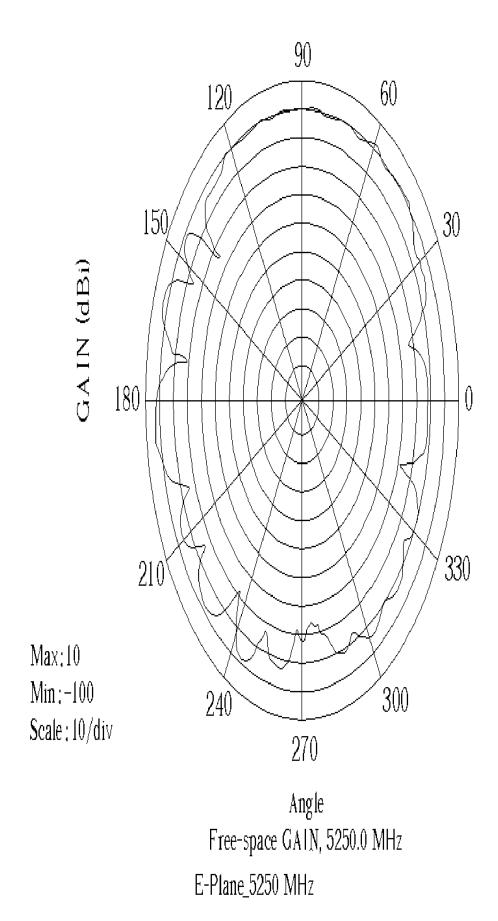
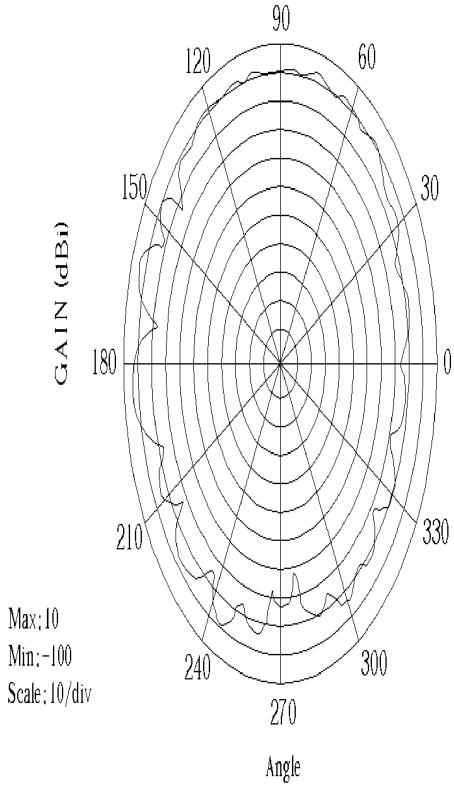
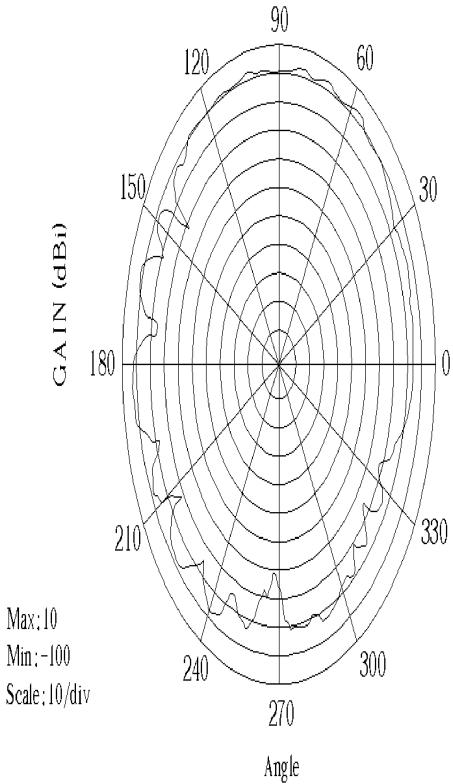


Fig. 20



Angle Free-space GAIN, 5350.0 MHz E-Plane_5350 MHz

Fig. 21



Angle Free-space GAIN, 5750.0 MHz H-Plane_5750 MHz

Fig. 22

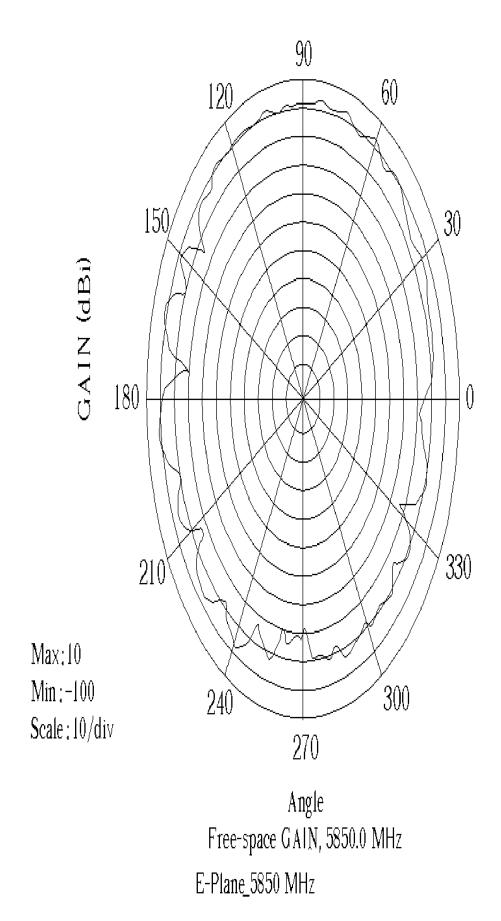


Fig. 23